

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



In re U.S. Patent Application of

TSUBOKURA et al.

Application Number: 10/054,998

Filed: January 25, 2002

For: LIQUID CRYSTAL DISPLAY DEVICE

Attorney Docket No. HITA.0154

Unit 2871

Examiner  
Chung, David Y

Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**COVER LETTER**

Sir:

[ ] The fee for submission of additional claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS PAID	RATE	CALCULATION
Total Claims	5	5	-XX (Over 20)	x \$18	0
Independent Claims	1	1	-XX (Over 3)	x \$84	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$280	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				x ½	
				<b>TOTAL</b>	<b>0.00</b>

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In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

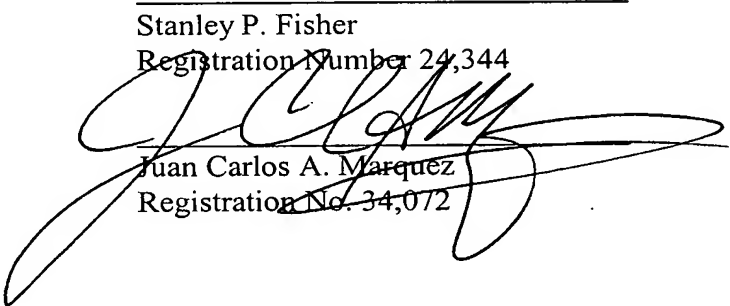
- ☒ [ x ] Response to Office Action  
(with Claim Amendments)
- ☐ [ ] Substitute Specification
- ☐ [ ] Preliminary Amendment
- ☐ [ ] Other \_\_\_\_\_

- ☐ [ ] Petition for Extension of Time
- ☐ [ ] Terminal Disclaimer
- ☐ [ ] Letter to Draftsperson
- ☐ [ ] Assignment
- ☐ [ ] Petition under \_\_\_\_\_

- [ ] Please charge my **Deposit Account Number** \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the fees for \_  
\_\_\_\_\_. A duplicate copy of this paper is enclosed.
- [ ] A check in the amount of **\$0.00** to cover the fee is enclosed.
- [x] The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

\_\_\_\_\_  
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**June 10, 2003**

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**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §1.111**

Sir:

This is in response to the office action dated April 14, 2003, in the above identified application, to which the period for response will expire on July 14, 2003. Please amend the above identified application with the replacement paragraphs/sections/claims as follows:

**IN THE CLAIMS:**

Please substitute claim 1 with the following amended claim:

1. A liquid crystal display device comprising a liquid crystal display element having a pair of substrates and liquid crystal sandwiched between a pair of substrates and a backlight unit which is arranged at a side opposite to a display surface of the liquid crystal display element
- the backlight unit comprising
- a light guide body;
- a plurality of light sources, which are arranged at least along one side surface of the light guide body at a plurality of positions, whose distances from a display surface of the liquid crystal display element are different, each of the plurality of light sources being separated from each other and irradiating light to the liquid crystal display element;
- a reflection member which, in conjunction with the light guide body, covers the plurality of light sources therein along said side surface of the light guide body, said

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6/13/03  
Hayes